



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 2" PUR Insulated Steel Sectional Garage Door up to 16'-2" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **104112**, titled "Commercial Urethane Insulated Garage Door", sheet 1 of 1, dated 05/16/2008, with last revision 03, dated 6/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **10-0503.04** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
03/20/2012

NOA No 12-0125.17
Expiration Date: July 07, 2015
Approval Date: April 5, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **104112**, titled "Commercial Urethane Insulated Garage Door", sheet 1 of 1, dated 05/16/2008, with last revision 03, dated 6/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "*Submitted under NOA # 10-0503.04*"

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of Clopay 16'-2"x 8', 24 ga. steel garage door, Model 3720 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0127.01-09**, dated 02/04/2009, signed and sealed by David W. Johnson, P.E.

"Submitted under NOA # 07-0807.14"

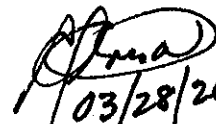
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS "*Submitted under NOA # 10-0503.04*"

1. Anchoring calculations, prepared by Clopay Building Products Company, dated 04/20/2010, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)



03/28/2012

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 12-0125.17

Expiration Date: July 07, 2015

Approval Date: April 5, 2012

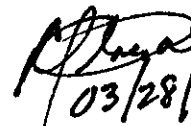
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS “Submitted under NOA # 07-0807.14”

1. Test report on Accelerated Weathering Using Xenon Arc Light Apparatus per ASTM G155 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-A002**, dated 12/04/2006, signed by Rafael E. Droz-Seda, P.E.
2. Test reports on Tensile Test per ASTM E8 of unexposed and exposed clear polycarbonate, Test Reports No. **HETI-06-T566** dated 07/14/2006 and **HETI-06-T634** dated 11/08/2006 respectively, both signed by Rafael E. Droz-Seda, P.E.
3. Test report on Self-Ignition Temperature per ASTM D1929, Rate of Burn per ASTM D635, and Smoke Density per ASTM D2843 of the Lexan Plastic, prepared by ETC Laboratories, Test Report No. **ETC-06-1024-17496.0**, dated 05/26/2006, signed by Joseph L. Doldan, P.E.
4. Test report on Surface Burning Characteristics of Building Materials per ASTM E84 and Standard Test Method for Determining Ignition Properties of Plastics per ASTM D1929 of foamed plastic # 3288-17C2, prepared by Underwriters Laboratories, Inc, Test Report No. **R8410/07CA19626**, dated 05/30/2007, signed by James F. Smith.

F. STATEMENTS

1. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Scott Hamilton, P.E.
2. **“Submitted under NOA # 10-0503.04”**
Statement letter of no financial interest issued by Clopay Building Products Company, dated 04/20/2010, signed and sealed by Scott Hamilton, P.E.


03/28/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 12-0125.17

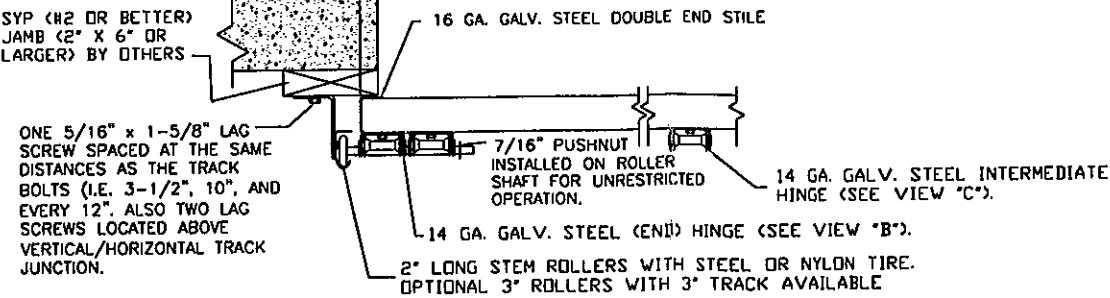
Expiration Date: July 07, 2015
Approval Date: April 5, 2012

CLOPAY / IDEAL / HOLMES / BRAND
3720 / C7X20 / 240U / 27GA 2" THICK RIBBED MODELS
3722 / COX22 / -- / 20GA 2" THICK FLUSH MODELS

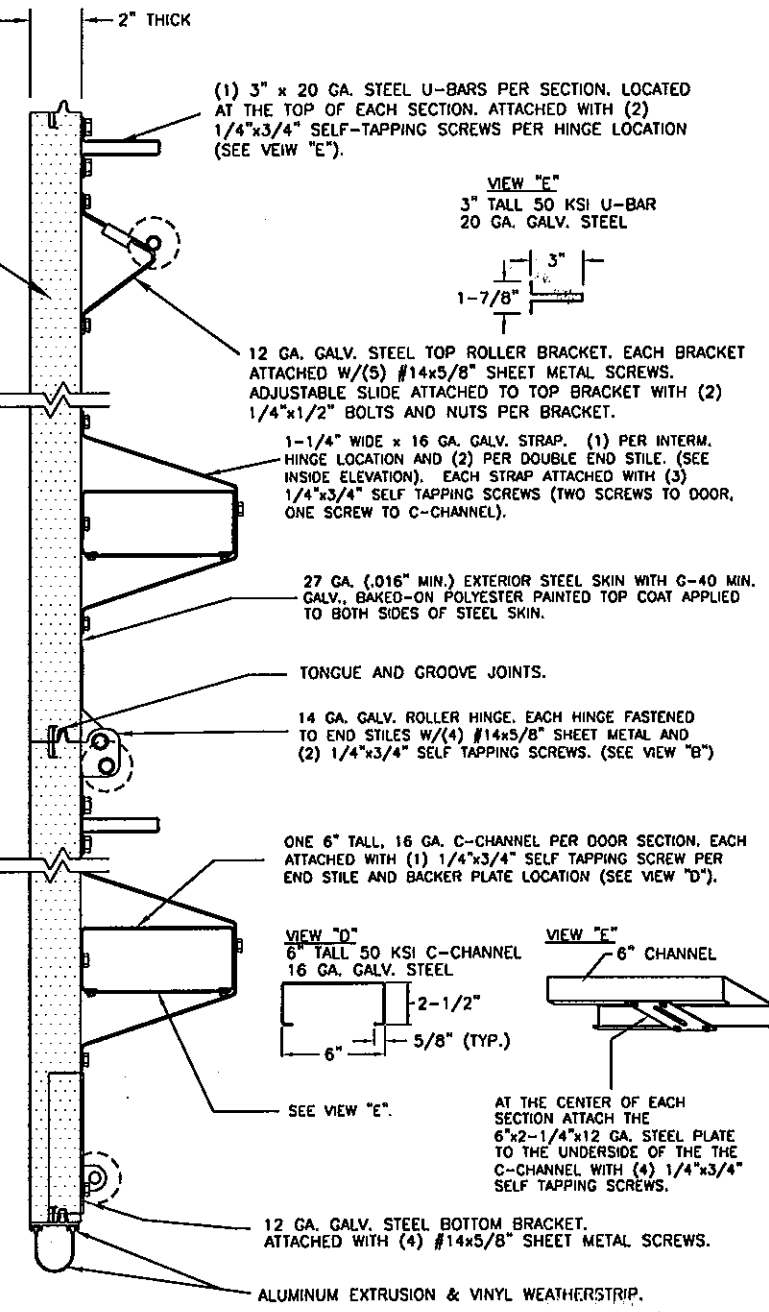
JAMB CONFIGURATION

1" DOOR OVERLAP (EACH SIDE)

SECTION C-C

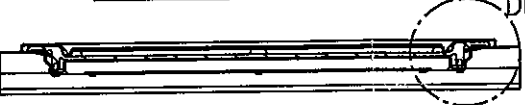


SECTION A-A (SIDE VIEW)



SECTIONS ARE 2" THICK (MIN.) PANELS. EXTERIOR SKIN IS 27 GA. MIN. GALV. STEEL WITH A MIN. YIELD STRENGTH OF 38.2 KSI. INTERIOR SKIN IS 27 GA. MIN. GALV. STEEL. THE STUCCO EMBOSSED STEEL IS PREPARED WITH A BAKED POLYESTER PAINT. OPTIONAL MINOR RIBS ARE PLACED EVERY 4 INCHES ALONG THE WIDTH OF THE EXTERIOR PANELS. URETHANE FOAM CORE (BAYTHERM 9817, AGENT 3288-17C2) INSULATION DENSITY 2.4 PCF.

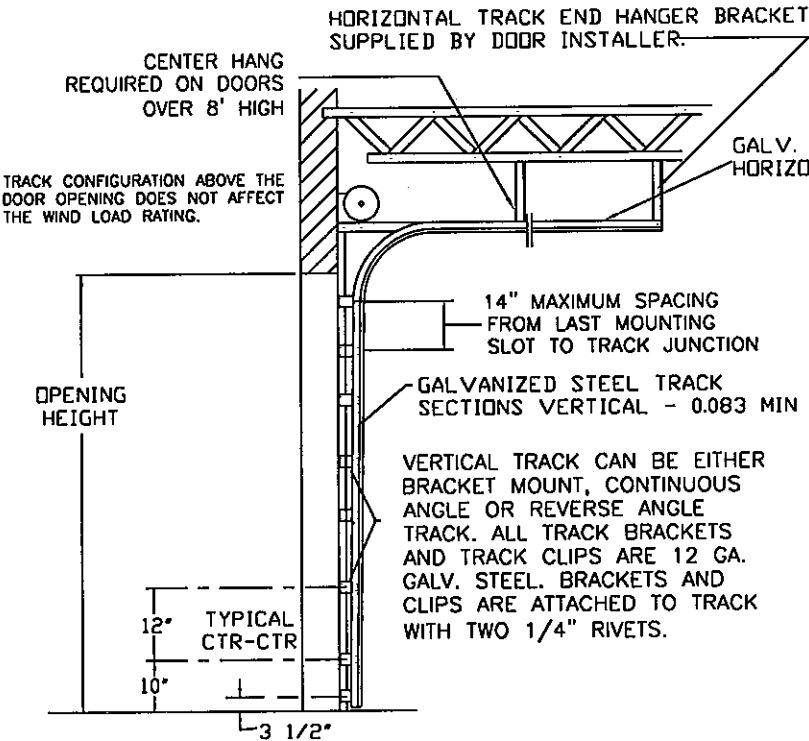
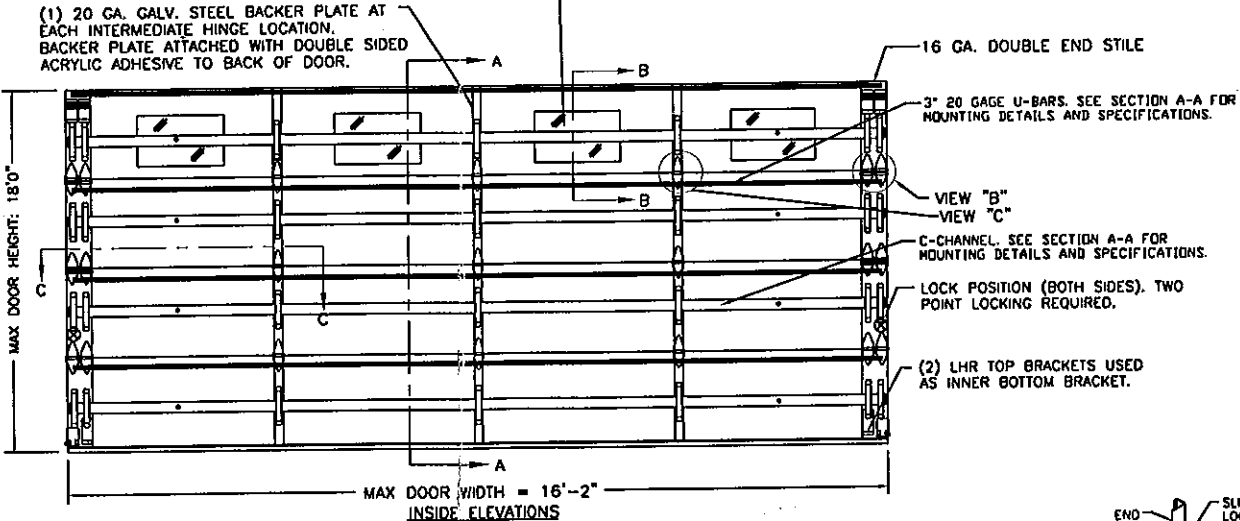
SECTION B-B



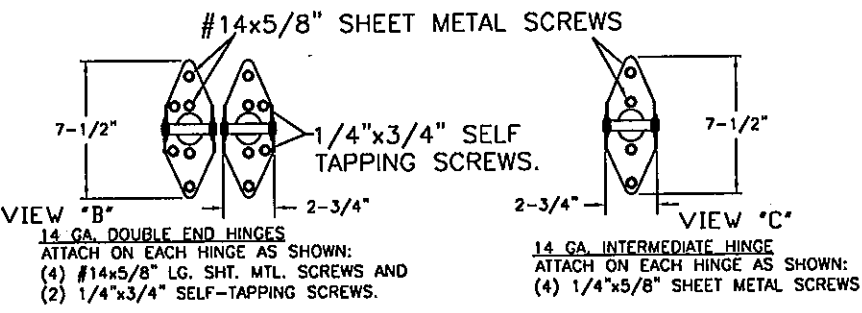
DOOR HEIGHT 'A'	NUMBER OF SECTIONS
8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9

OPTIONAL: ONE ROW OF IMPACT-RESISTANT GLAZING IN EITHER TOP SECTION (SHOWN) OR INTERMEDIATE SECTION (NOT SHOWN). MAX. GLAZING SIZE IS 18'-1/2" x 11". GLAZING IS INJECTION MOLDED GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2605. SEE SECTION B-B FOR ASSEMBLY DETAILS.

MAX. SECTION HEIGHT = 24'



AVAILABLE IN 3" TAPERED ANGLE TRACK (0.101" TRACK AND 0.101" X 3-1/4" X 2-3/4" ANGLE). TRACK BOLT AND LAG SCREW SPACING 3-1/2", 10" AND EVERY 12" AS NOTED ABOVE.



2x6 JAMB (OR LARGER) TO SUPPORTING STRUCTURE ATTACHMENT

FASTENER NOTE: FOR DOORS WITH BRACKET MOUNT TRACK, TRACK MUST BE MOUNTED TO WOOD JAMBS. FOR DOORS WITH CONTINUOUS ANGLE MOUNT TRACK, TRACK MAY BE MOUNTED TO WOOD JAMB OR DIRECTLY TO WALL USING THE FASTENERS PRESCRIBED IN THE TABLE BELOW.

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER SPACING	STEEL WASHERS REQ. WITH WOOD JAMBS?
C-90 BLOCK (HOLLOW OR GROUTED)	1/4" x 3" (1-1/4" EMBED) TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	4'-1/4"	1" O.D.
2,000 PSI MIN. CONCRETE	1/4" x 4" (1-3/4" EMBED) TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	11'-1/2"	1" O.D.
2,000 PSI MIN. CONCRETE	1/2" x 3-3/4" (1-3/4" EMBED) WEDGE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	12'-1/2"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	13'-1/2"	1" O.D.
2,000 PSI MIN. CONCRETE	1/4" x 3" (1-1/8" EMBED) SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	6'-1/2"	INCLUDED

ANCHOR NOTE: FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-0125-17 Expiration Date 07/01/2015

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2007 AND 2010 FBC.

DESIGN ENGINEER SCOTT HAMILTON, P.E. FLORIDA P.E. #63286

DESIGN LOADS: +50.0 P.S.F. & -56.0 P.S.F.

Clopay Building Products Company

CLOPAY BUILDING PRODUCTS COMPANY
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

MANUFACTURING PRODUCT CODE: C-DSIU-1F471
DATE: 5/16/08
DRAWN BY: BFA
CHECKED BY: SH

CLOPAY WINDLOAD RATING: W8
MAX DOOR SIZE: 16'2"W x 18'0"H
DESCRIPTION: COMMERCIAL URETHANE INSULATED GARAGE DOOR
+50.0/-56.0 PSF DESIGN LOAD
DRAWING NUMBER: 104112
VER: MD